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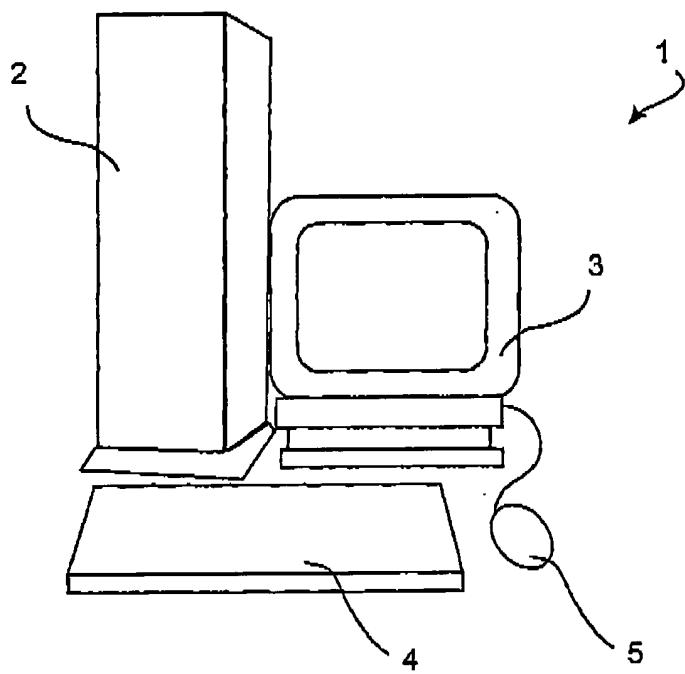
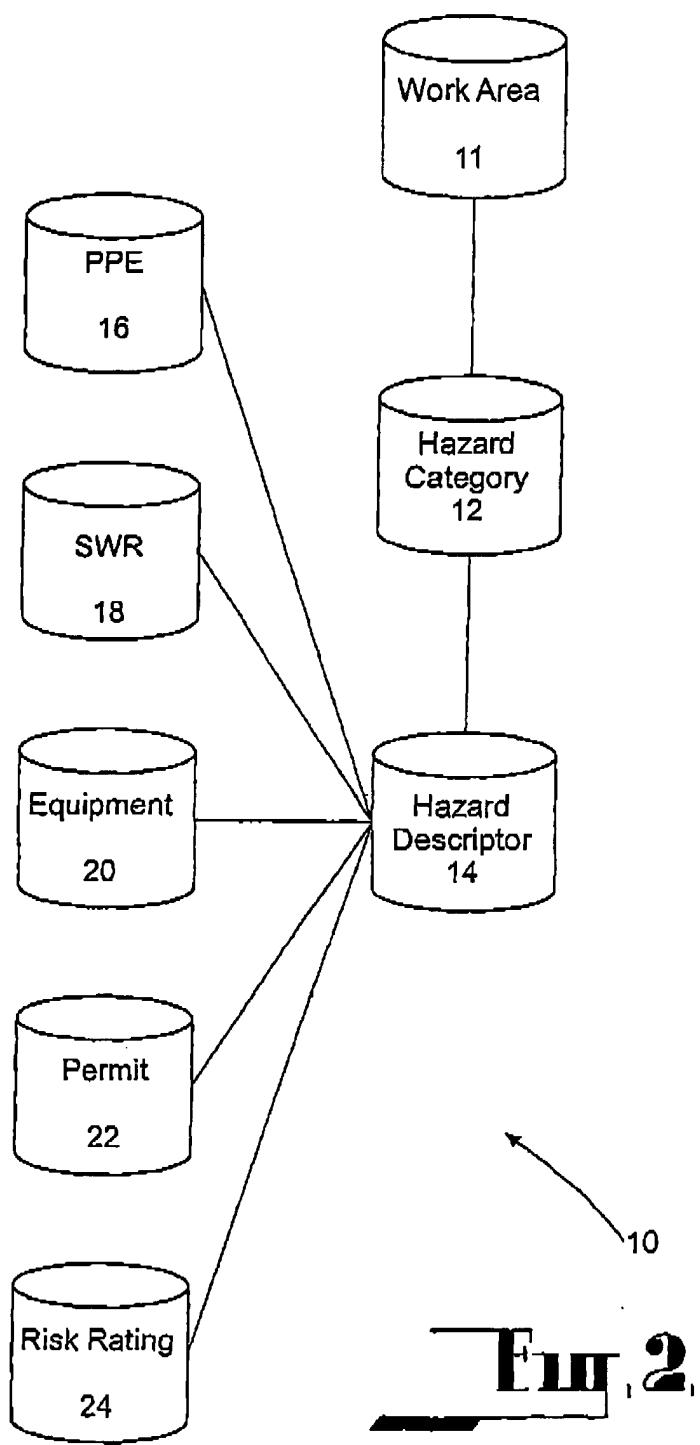


Fig. 1.



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Job Name Install Ladder

Job Ref# a345

Site Information

Company Billy Blowfly Engineering
 Client ABC Mining
 Location Kalgoorlie
 Department Maintenance
 Supervisor Ben Doone
 Phone 576892467

Compulsory Site Requirements

SAFETY FOOTWEAR
 SAFETY HELMET
 SAFETY GLASSES
 TROUSERS
 LONG SLEEVED SHIRT

Emergency

Building Medical Centre
 Phone ext 5
 Radio Ch# N/A
 Intercom # N/A

Created By Owen

Assisted By

Authorised By John the Man

Signature:

Before commencing this job you should review the hazards as follows:

1. Can any of the hazards be eliminated from this job ?
2. Can you substitute hazardous products with less hazardous products ?
3. Can you reduce the risk of exposure to those hazards by engineering methods ?

If the hazards and their related risks still exist, then you should use the following guidelines.

General Notes

Job Steps

1. Prepare work area
2. Collect required parts and tools
3. Install support brackets
4. Fit ladder to brackets and complete alignment
5. Complete all required bolting and welding
6. Remove all scraps and clean work area

Fig. 3a

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Referenced Permits ~30

Permits

Hot Work Permit ~32

Permit To Work

34

Equipment Check Requirements

36

Portable Welding Machine

Daily Pre-Start Inspection to be Completed

38

Service Book Entries to be Completed

Hazards ~40

2. Job Execution ~42

H

52. 50

Are There Any Toxic Chemicals, Fumes or Vapours In The Work Area ~46

Air Supplied Helmet To Be Worn Until Air Purity Is Proven

Conduct Air Purity Tests After Purging

Follow Up Testing May be Required

Provide Clean Filtered Air to the Operators Mask

Purge-Out, all Hazardous Fumes And/Or Vapours

Refer To MSDS For Personal Protective Equipment (PPE) Requirements

Refer to MSDS For Respiratory Protection Requirements

Work Area to be Fully Ventilated Before Work Commences

M

Does This Job Require The Man Handling of Heavy Items ~46

Do Not Twist Your Body Whilst Making A Lift and Bend Your Knees, Not Your Back

If Possible, You Should Always Try To Use Mechanical Aids for Heavier Items

If You Must Lift An Item, First Test Its Weight, Then Get Help If You Need It

Use a Tirfor or Come-A-Long to Drag, Pull Or Move Heavy Items

Use a Trolley or Rollers Under Heavy or Difficult Items

48

L

Is The Use of 240v Power Supply Required on This Job ~46

Check Condition of Leads and Switches

Check the Electrical Leads for Correct Tags

Check the Electrical Leads for Signs of Damage

ELCB to be Used for all 240v Equipment

Regular Trip and Reset Tests Should Be Conducted On ELCB Equipment

48

48

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Is The Use of Arc Welding/Gouging, Grinding or Oxy Cutting Equipment Required on This Job

52 50

- Check Hoses for Splits or Cracks Before Use
- Close Cylinder Valves When not in Use
- Cylinders to be Secured Into an Approved Trolley
- Do not Throw Stubs of Welding Rod Onto the Floor
- Fire Extinguishers Required on the Job at all Times
- Flammable Materials to be Removed From Work Area
- Flash Back Arresters to be Fitted to Oxy Equipment
- For All Welding In A Workshop, Place Anti Flash Screens Around The Welding Area
- Leather Welders Jacket May be Required
- Long Welders Gloves to be Worn
- Oxy Cutting Goggles To Be Used For All Oxy Cutting/Welding
- Use Safety Pins in all Hose Connections
- Welders Face Shield To Be Used For All Arc Welding And Gouging

46

Will a Mobile Crane be Used For The Lifting of Any Items on This Job

52 50

- A Pre-Lift Plan Must be Prepared And Approved For All Heavy / Difficult Lifts
- All Wire Or Synthetic Slings Must Have Full Edge Protection
- Before Positioning The Vehicle, Check for Sumps or Underground Soil Weakness
- Competent Rigger to Supervise the Lift
- Driver to Remain in Cabin Whilst Load is Suspended
- Hand Lines to be Tied to the Load Before Lift Commences
- One Person Only to Provide Signals for Crane Operator
- Sausage Slings to be Stored Safely When not in Use
- When Positioning This Vehicle, Do Not Exceed Minimum Clearance to Overhead Wires
- Where Vehicle Outriggers Are Provided They Must Be Used

48

Will it be Necessary to lift or Remove Grid Mesh From the Job

52 50

- Check if a Grid Mesh Removal Permit is Required
- Make Sure That the Work Area Has Been Cleared For Work
- Place a Fixed Barricade With Bunting Around the Opening

48

Will Non-Powered Hand Tools be Used on This Job

52 50

- Check the Physical Condition of Tools to be Used
- General Purpose Gloves to be Worn
- Not to be Used From an Unsecured Ladder

48

Will The Lifting of Items Above Head Height be Required

52 50

- Do Not Twist Your Body Whilst Making A Lift and Bend Your Knees, Not Your Back
- Ensure That The Target Area Is Clear and Is Ready To Receive The Lifted Item
- If Possible Use a Hoist, Crane or Chain Block for Lift
- If You Must Lift An Item, First Test Its Weight, Then Get Help if You Need It

48

Fig. 3c

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Will The Use of 240v Extension Leads be Required 46
 52 50
 Check the Electrical Leads for Correct Tags
 Check the Electrical Leads for Signs of Damage
 ELCB To Be Used For All Electrical Work Inside a Confined Space Area 48
 Locate ELCB For Confined Space Work On The Outside Of The Work Area
 Raise and Secure all Electrical Leads Above the Floor
 Regular Trip and Reset Tests Should Be Conducted On ELCB Equipment

Will The Use of Ladders be Required For Any Part of This Job 46
 52 50
 Check Access Ladder for Defects Before Use
 Damaged Ladders to be Replaced and not Used 48
 Ladder to be Secured at the Top
 Ladder to Extend 1m Past the Access Level
 Ladder to Have a 4 to 1 Angle to the Wall

Will The Use of Mobile Welding Equipment be Necessary For This Job 46
 52 50
 Check Condition of Leads and Switches
 Connect Earth Clamp as Close as Possible to Weld Area
 Shut Down the Units Motor Whilst Re-Fuelling 48
 Shut the Unit Down for all Repairs or Maintenance
 Vent Exhaust Fumes Away From Enclosed Area's

Will There be Any Need to Work on (or From) a Scaffold 46
 52 50
 Scaffold to Have a Current and Valid Scaftag Fitted
 The User To Check Load Rating for Scaffold and Work Within The Limits 48

3. Job Close Out

Are There any Permits That Need to be Closed Out And Signed Off 46
 52 50
 Check for Outstanding Permits 48
 Check that Workers Have Signed off and Left the Job

Will The Work Areas Need to be Cleaned In Readiness For a Hand-Over 46
 52 50
 Chemical Wastes to be Collected for Safe Disposal
 Clear all Rubbish Away from the Construction Area 48
 Notify Your Supervisor When the Job is Completed
 Remove all Waste and Off-Cut Materials And Dispose To The Refuse Tip

File 3 d, *** END OF REPORT *******

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Risk Matrix

	Consequence	1	2	3	4	5
18 or higher	H	H	E	E	E	
15 - 17	M	H	H	E	E	
12 - 14	L	M	H	E	E	
08 - 11	L	L	M	H	H	
04 - 07	L	L	M	M	H	

Exposure

How frequently is an exposure to this hazard likely to occur? Score

- Less than once a year 1
- Once every three months 2
- Once a month 3
- Once a week 4
- Once a day (or more) 5

How long is exposure likely to take? Score

- 15 Minutes 1
- 1 Hour 2
- 2 Hours 3
- 4 Hours 4
- Full Shift 5

Controls

What controls have been put in place? Score

- Hazards to be removed (where possible) 1
- Substitute with less hazardous products 2
- Engineering controls 3
- Administrative controls (procedures) 4
- Use of personal protective equipment 5

Expected levels of compliance Score

- Will meet requirements 1
- Will require an "on the job" review 3
- Will require on-going assessments 5

Likelihood Score:**Consequence**

What is the most likely outcome from an exposure to the hazard? Score

- Minor injury 1
- Medically treated injury 2
- Lost time injury (<2 weeks) 3
- Lost time injury (>2 weeks) 4
- Permanent disability or fatal injury 5

Consequence Score:


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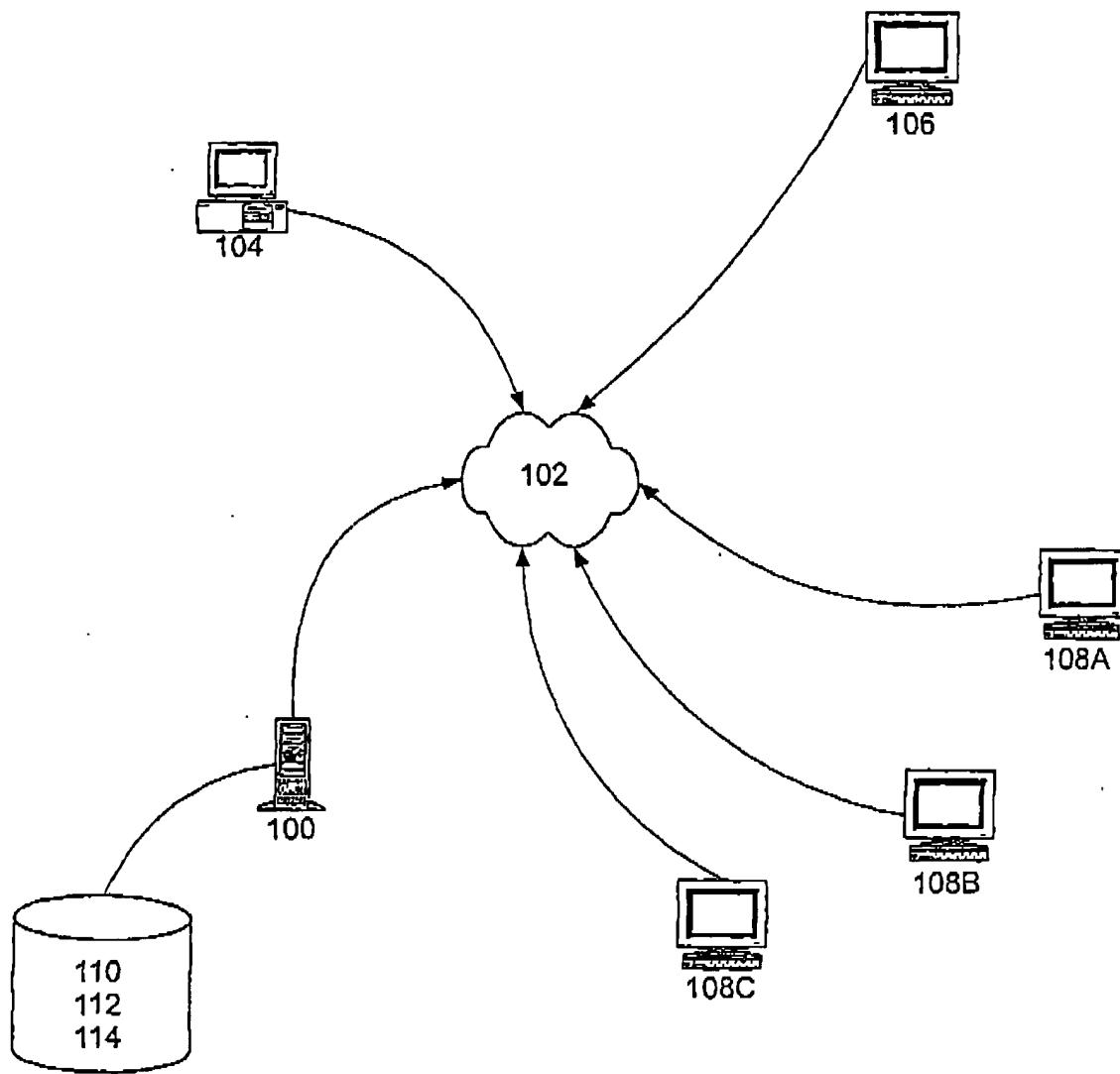
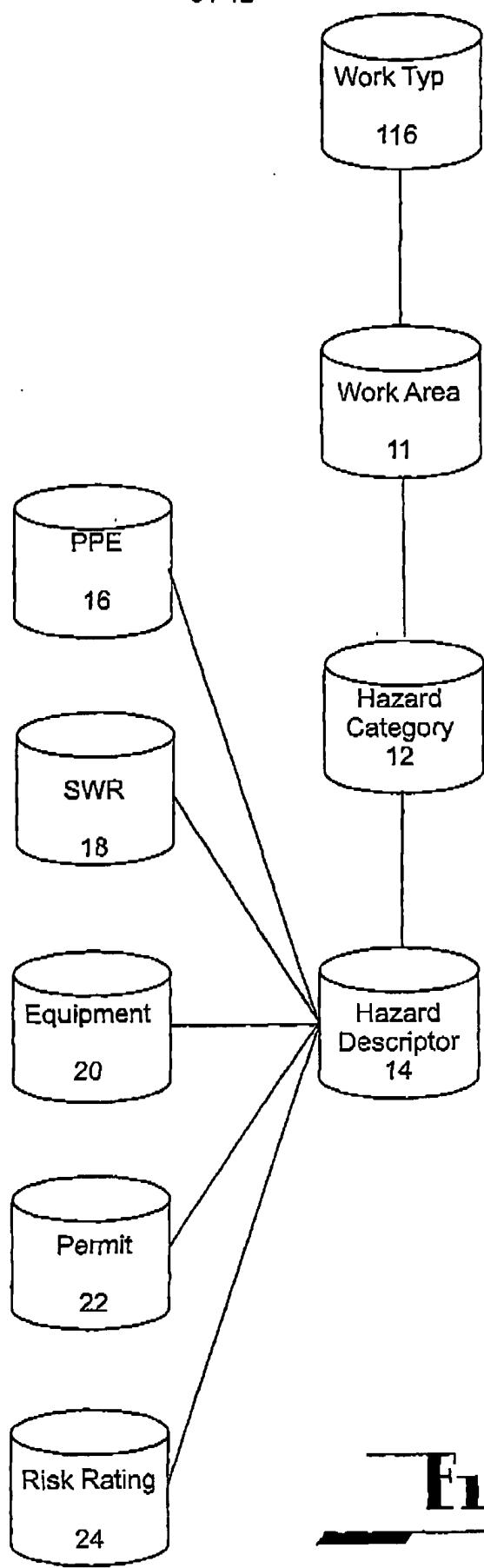


Fig. 5

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**Fig. 6**

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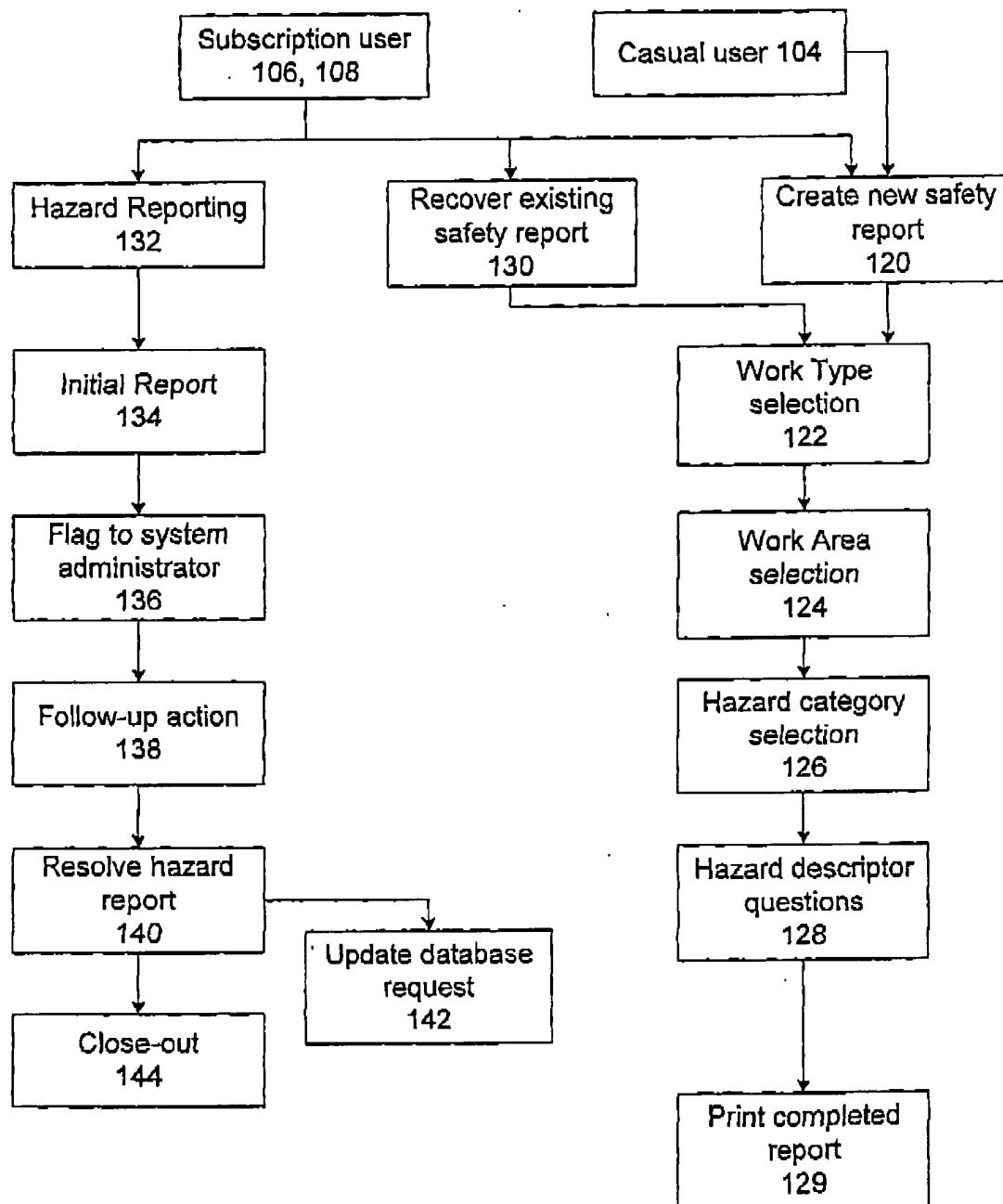


Fig. 7

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Job Name:	
Issue Date:	Friday, March 22, 2002
Job Ref Number:	
Company:	Boral Products
Location:	Belmont
Department:	Health & Safety
Supervisor:	
Phone:	
Compulsory Site Requirements:	
Safety Glasses	
Safety Footwear	
Safety Helmet	

Created By:	Kerry Evans
Assisted By:	

Emergency	
Building:	

60

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End of input 02.11.15 32 AM

Environment



Will you be working on an oil spill

46



Are Hazardous Material Storage Containers Likely To Require Disposal



Are Hazardous Waste Materials Or Chemicals Likely To Be Generated



Is it Likely That Hazardous Chemicals Will Be Spilt



Is it Likely That Hydrocarbons Will Be Spilt Or Leaking



Is it Likely That Tailings Will Be Spilt Or Leaked



Will Hydrocarbon Waste Products Be Generated (Ie: Oil, Filters, Sludge, Oily Rags)

Submit

Form 9